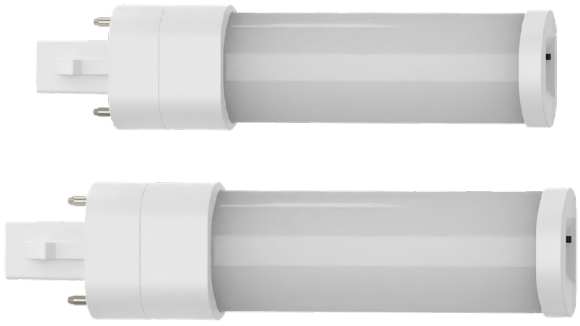
MaxLite®

PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

PL – Single, Type A+B Hybrid

Omnidirectional



Horizontal

Product Description

MaxLite's Plug-In LED Lamps offer a versatile LED solution for replacing compact fluorescent plug-in lamps. Available in Hybrid (A+B) models, they provide flexibility for any installation. With multiple base options (G23, GX23) and full CCT coverage (2700K-5000K), these lamps ensure a smooth transition to energy-efficient lighting. With high efficacy, a long lifespan, and both omnidirectional and directional options, these lamps maximize performance while minimizing maintenance and energy costs for commercial, residential, and retrofit applications.

Features

- Broad Compatibility: Replaces any fluorescent plug-in lamp, with multiple wattages and base types (G23 and GX23) to match existing fixtures.
- Available in Type A+B Hybrid for maximum installation flexibility. Additional models and types are available Contact Maxlite or visit Maxlite.com.
- Complete CCT coverage: Available in 2700K, 3000K, 3500K, 4000K, and 5000K fixed options, with CCT selectable models for added flexibility.
- High Efficiency & Longevity: Delivers up to 130 lm/W with a 50,000-hour lifespan, reducing energy and maintenance costs.
- Flexible Light Distribution: Omnidirectional models provide wide, even illumination, while directional models focus light where it's needed most.

Model Selection

PL - Single, Type A+B, Hybrid

3.5PLSH/AB/G238xx

5.5PLSH/AB/GX238xx

5PLSO/AB/G238xx

7PLSO/AB/GX238xx

WATTAGE	FAMILY	INSTALL POSITION	OPERATION	DIMMABILITY	BASE	CRI AND CCT
3.5= 3.5W	**PLS=** PL Single	**H=** Horizontal	**/AB=** Type A+B, Hybrid	**BLANK=** None	**/G23=** G23 base, 2 Pin	**8CS=** 80 CRI, 4 CCT 2700K/3000K/3500K/4000K 80 **850=** CRI, 5000K
5.5= 5.5W					**/GX23=** GX23 base, 2 Pin	**8CS=** 80 CRI, 4 CCT 2700K/3000K/3500K/4000K **850=** 80 CRI, 5000K
5= 5.0W	**PLS=** PL Single	**O=** Omnidirectional	**/AB=** Type A+B, Hybrid	**BLANK=** None	**/G23=** G23 base, 2 Pin	**827=** 80 CRI, 2700K **830=** 80 CRI, 35000K **835=** 80 CRI, 3500K **840=** 80 CRI, 4000K
7= 7.0W					**/GX23=** GX23 base, 2 Pin	**827=** 827 = 80 CRI, 2700K **830=** 830 = 80 CRI, 3000K **835=** 835 = 80 CRI, 3500K **840=** 840 = 80 CRI, 4000K

Note - Default Setting for CS models is 4000K

5-year standard warranty (further details available at www.maxlite.com/warranties)

MaxLite®

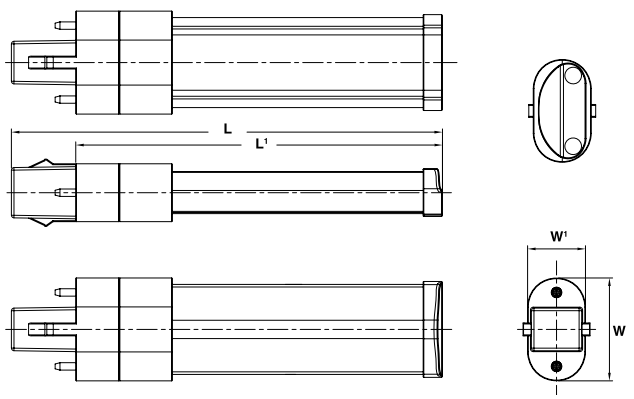
PL – Single, Type A+B Hybrid

PL - Single, Type A+B, Hybrid

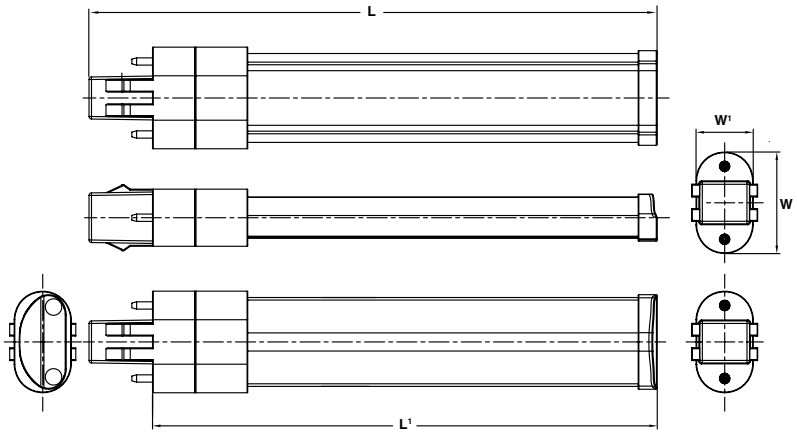
Specifications	3.5PLSH/AB/G238xx	5.5PLSH/AB/GX238xx	5PLSO/AB/G238xx	7PLSO/AB/GX238xx
Family	PL Single			
Installation Position	Horizontal		Omnidirectional	
Operation	Type A+B, Hybrid			
Base	G23 Base, 2 Pin	GX23 base, 2 Pin	G23 Base, 2 Pin	GX23 base, 2 Pin
Equivalent Wattage	7-9W Fluorescent	13W Fluorescent	5W Fluorescent	18W Fluorescent
Input Wattage (W)	3.5W	5.5W	5W	7W
Lumens delivered (lm)	400 lm at Fixed CCT 5000K 360 to 400 lm at 4 CCT Selectable 2700K/3000K/3500K/4000K	620 lm at Fixed CCT 5000K 580 to 620 lm at 4 CCT Selectable 2700K/3000K/3500K/4000K	600 to 650 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K	800 to 880 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K
Nominal Efficacy (lm/W)	114 lm/W at Fixed CCT 5000K 103 to 114 lm/W at 4 CCT Selectable 700K/3000K/3500K/4000K	113 lm/W at Fixed CCT 5000K 106 to 113 lm/W at 4 CCT Selectable 2700K/3000K/3500K/4000K	120 to 130 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K	114 to 126 lm at Fixed CCT 2700K, 3000K, 3500K, 4000K
Color Temperature (K)	Fixed CCT 5000K, 4 CCT Selectable 2700K/3000K/3500K/4000K Default Setting for CS models is 4000K		Fixed CCT 2700K, 3000K, 3500K, 4000K	
CRI	≥ 80			
Calculated L70 Lumen Maintenance	≥ 50,000 hours			
Dimming Technology	Non-Dimmable			
Input Voltage	120-277V AC, 60 Hz		120-277V AC, 50/60 Hz	
Power Factor	0.9			
Diffuser	Polycarbonate			
Surge Protection	Type B surges are 500V			
Operating Temperature	-4°F to 113°F (-20°C to 45°C)			
Certifications	cULus listed, cULus classified, FCC, RoHS Complaint, NSF/ ANSI 2 - Food Equipment			
Environment	Damp Locations			
Warranty	5 Years warranty. Check maxlite.com/warranties for details			
Case Quantity	24 pcs			

PL – Single, Type A+B Hybrid

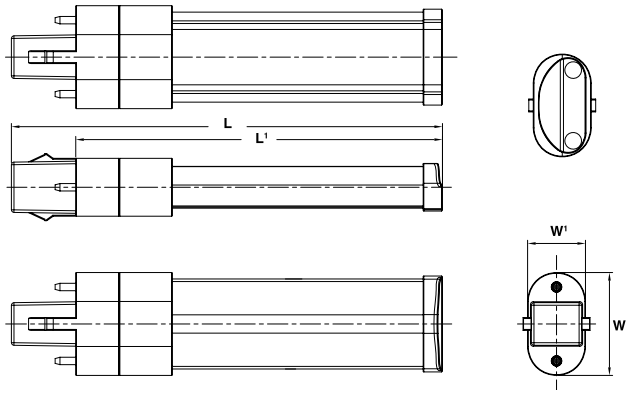
Dimensions



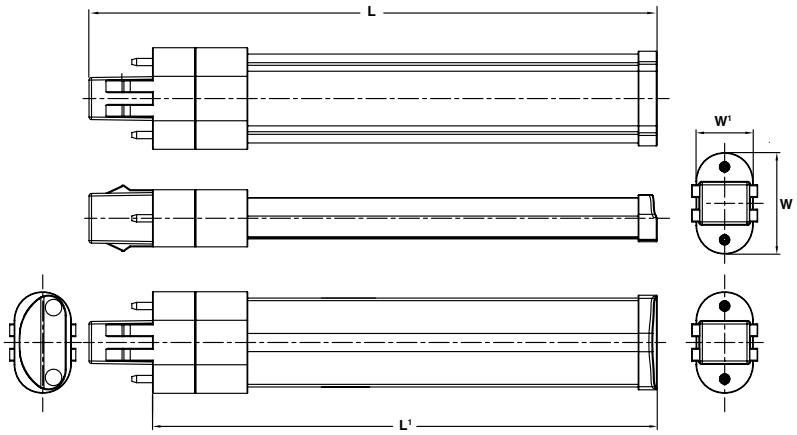
PL - Single, Type A+B, Hybrid	Overall Length L	Length w/o Base L¹	Width W	Width W¹
3.5PLSH/AB/G238xx	5.28”	4.4”	1.26”	0.71”



PL - Single, Type A+B, Hybrid	Overall Length L	Length w/o Base L¹	Width W	Width W¹
5.5PLSH/AB/GX238xx	7.05”	6.26”	1.26”	0.71”



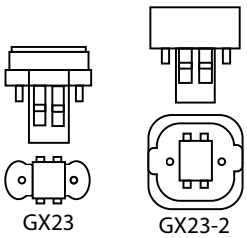
PL - Single, Type A+B, Hybrid	Overall Length L	Length w/o Base L¹	Width W	Width W¹
5PLSO/AB/G238xx	4.13”	3.35”	1.52”	1.52”



PL - Single, Type A+B, Hybrid	Overall Length L	Length w/o Base L¹	Width W	Width W¹
7PLSO/AB/GX238xx	4.76”	3.35”	1.52”	1.52”

Lamp Bases

GX23 base lamps will fit into the following sockets:



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PL – Single, Type A+B Hybrid

Ballast Compatibility

PL - Single, Type A+B, Hybrid (Model Number: 3.5PLSH/AB/G238xx, 5PLSO/AB/G238xx)

BRAND	MODEL NUMBER	COMPATIBILITY STATUS				BALLAST TYPE
		BALLAST WORKS ON 120-277V				
		1 LAMP	2 LAMPS	3 LAMPS	4 LAMPS	
Philips	H-1Q26-TP-BLS	OK	N/A	N/A	N/A	Magnetic
Philips	FCF-7/9-TP	OK	N/A	N/A	N/A	Magnetic

LEGEND
Status: **OK** – Compatible **NO** – Not Compatible **N/A** – Not Required

PL - Single, Type A+B, Hybrid (Model Number: 5.5PLSH/AB/GX238xx, 7PLSO/AB/GX238xx)

BRAND	MODEL NUMBER	COMPATIBILITY STATUS				BALLAST TYPE
		BALLAST WORKS ON 120-277V				
		1 LAMP	2 LAMPS	3 LAMPS	4 LAMPS	
Philips	CC1322MTP	Only 120V OK	N/A	N/A	N/A	Magnetic
Philips	FCF-13-TP	Only 120V OK	N/A	N/A	N/A	Magnetic
Philips	LC-13-TP	Only 120V OK	N/A	N/A	N/A	Magnetic
Philips	LO-13-22	Only 120V OK	N/A	N/A	N/A	Magnetic
Pobertson	S1P(3P1083)	Only 120V OK	N/A	N/A	N/A	Magnetic

LEGEND
Status: **OK** – Compatible **NO** – Not Compatible **N/A** – Not Required

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device. pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, it not installed and used in accordance with the instructions. may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on. the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help